

ABSTRACT

A clamping stem is provided for concurrently securing a bicycle fork frame steering tube and a bicycle handlebar together. The clamping stem has a mounting bracket formed as a U-shaped structure with a pair of opposing mutually parallel legs with coaxial openings defined through the legs near the free ends thereof. A steering tube saddle block having a vertically oriented concave surface is disposed between the mounting bracket legs facing the steering tube openings therein. A handlebar saddle block having a horizontally oriented concave surface faces the concave surface of the mounting bracket yoke. A steering tube fits through the apertures in the mounting bracket legs while the handlebar fits through the space located between the mounting bracket yoke and the curved surface of the handlebar saddle block. The sides of the saddle blocks facing each other are formed with inclined surfaces that meet at apices centered between the lateral edges of the mounting bracket legs. A pair of opposing wedges having coaxially aligned openings therethrough are positioned between the saddle blocks. A bolt seated against the outer, wide end of one of the wedges is engaged with a threaded through bolt opening or a nut set in the other wedge. Advancement of the bolt draws the wedges toward each other, thereby forcing the saddle blocks apart and concurrently clamping them against the steering tube and handlebar.